

Title (en)

A VERTICAL LIFT STORAGE SYSTEM, A METHOD OF OPERATING SUCH A SYSTEM AND A COMPUTER AND COMPUTER READABLE MEDIUM FOR CARRING OUT SUCH A METHOD

Title (de)

LAGERUNGSSYSTEM MIT VERTIKALEM HUB UND VERFAHREN ZUM BETRIEB EINES HUBS

Title (fr)

SYSTÈME DE STOCKAGE D'ASCENSEUR VERTICAL ET PROCÉDÉ D'ACTIONNEMENT D'UN ASCENSEUR

Publication

**EP 2726385 B1 20160406 (EN)**

Application

**EP 12733648 A 20120629**

Priority

- DK PA201100493 A 20110701
- DK PA201270070 A 20120213
- EP 2012062700 W 20120629

Abstract (en)

[origin: WO2013004615A1] There is provided a vertical lift storage system (101), comprising a storage rack (105) configured to store load units and a lift system with an upwardly and downwardly movable carrier structure (108), where the carrier structure (108) is configured to carry multiple load units at respective sections and with first transportation means configured to insert and withdraw respective load units into and from the storage rack. The system is characterized in that the carrier structure is configured with second transportation means to shift load units sideways on the carrier structure between its sections. In some embodiments the first transportation means comprises telescopic arms and the second transportation means comprises rollers. There is also provided a method of operating such a carrier structure in a vertical lift storage system,

IPC 8 full level

**B65G 1/04** (2006.01)

CPC (source: EP US)

**B65G 1/04** (2013.01 - EP US); **B65G 1/0407** (2013.01 - EP US); **B65G 1/0478** (2013.01 - US); **B65G 1/06** (2013.01 - US)

Citation (opposition)

Opponent : Hänel GmbH & Co. KG

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Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

**WO 2013004615 A1 20130110**; EP 2726385 A1 20140507; EP 2726385 B1 20160406; EP 3088335 A1 20161102; EP 3088335 B1 20201202; US 2014301811 A1 20141009; US 9919870 B2 20180320

DOCDB simple family (application)

**EP 2012062700 W 20120629**; EP 12733648 A 20120629; EP 16163865 A 20120629; US 201214233135 A 20120629